

WHAT IS CLAIMED IS:

1 1. A method for creating an interest point from one or more digital video
2 titles, the method comprising:
3 identifying a video frame from a digital video title;
4 identifying an interest point in the video frame; and
5 storing a file on a digital video disc (DVD), said file having identifiers for the
6 single video frame and the interest point.

1 2. The method of claim 1 wherein said single video frame is a z-frame.

1 3. The method of claim 1 further comprising the step of manipulating the
2 z-frame using a function chosen from the group consisting of zoom, pan and gamma correct.

1 4. The method of claim 1 wherein said interest point is a vista point.

1 5. The method of claim 4, the method further comprising:
2 selecting a pause time for the video frame, wherein the pause time controls the
3 duration of any display of the z-frame.

1 6. The method of claim 4, the method further comprising:
2 entering a gamma correction for the interest point of the z-frame.

1 7. The method of claim 1 wherein said identifying the video frame further
2 comprises identifying a pre-roll time prior to the video frame, wherein said pre-roll time is
3 the amount of time the video plays prior to stopping on the video frame.

1 8. The method of claim 1 wherein said identifying the interest point
2 further comprises identifying an x-coordinate and a y-coordinate for the interest point.

1 9. The method of claim 1 wherein the identifying the interest point
2 further comprises identifying a zoom level for the interest point.

1 10. The method of claim 1 wherein said identifying the interest point
2 further comprises selecting a gamma correction for the interest point.

1 11. A composer for creating a z-frame from an enhanced digital video disk
2 (DVD), said composer comprising:

3 a user interface for entering information associated with a z-frame of a video,
 4 wherein the z-frame is comprised of one or more vista points;
 5 a user interface for entering a control for said z-frame;
 6 a vista point chart for listing the one or more vista points associated with the z-
 7 frame; and
 8 a vista point setting area, said vista point setting area having a user interface
 9 for entering the x-coordinate and y-coordinate of the one or more vista points.

1 12. The composer of claim 11, wherein the control for said z-frame
 2 comprises a control selected from a group consisting of a pause time and a pre-roll time.

1 13. The composer of claim 11, wherein the control for said z-frame
 2 comprises a pause time and a pre-roll time for the video prior to said pause time.

1 14. The composer of claim 11, wherein the a vista point setting area
 2 further comprises a user interface for entering a zoom level for the one or more vista points.

1 15. The composer of claim 11, the composer further comprising:
 2 entering a gamma correction level for the one or more vista points.

1 16. A system for displaying a video frame with one or more interest points,
 2 the video frame associated with a title on a digital video disk (DVD), said system comprising:
 3 a DVD reference player having an ethernet connection;
 4 a computer coupled to said ethernet connection;
 5 a DVD emulator coupled to said DVD reference player for storing work in
 6 progress and for imitating a DVD; and
 7 a display coupled to said DVD reference player.

1 17. A method for presenting on a viewer a video frame with one or more
 2 interest points from a title on a digital video disk (DVD) on a viewer, said method
 3 comprising:
 4 identifying a video frame from a title on the DVD;
 5 identifying an interest point comprising a portion of the video frame;
 6 storing a file on a computer readable medium, said file having identifiers for
 7 the video frame and the interest point;

8 providing a menu template having a location for video and a location for text,
9 wherein the text is associated with the video; and
10 displaying the video frame with the interest point in a video area of a display.

1 18. The method of claim 17, wherein the computer readable medium is a
2 DVD.

1 19. The method of claim 18, wherein the DVD stores both the title on the
2 DVD and the identifiers.

1 20. The method of claim 17, wherein the identifying the interest point
2 comprises identifying a plurality of interest points.

1 21. The method of claim 17, wherein displaying the video frame with the
2 interest point comprises displaying the video frame in a first video area of the display and
3 displaying the interest point in a second area of the display.

1 22. The method of claim 17 wherein the text is a dynamically displayed
2 scene description associated with video frame or with an interest point of the video frame.

1 23. The method of claim 17 further comprising the steps of:
2 entering a textual description of the video frame or the interest point
3 associated with the video frame; and
4 displaying the textual description on the display.